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| Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/607,742 |
| | | | | Filing Date | June 27, 2003 |
| | | | | First Named Inventor | Akira SUZUKI |
| | | | | Art Unit | 1761 |
| | | | | Examiner Name | Simone |
| Confirmation No. | | | | | |
| Sheet | I | of | 1 | Attorney Docket No. | 939_047 |

U.S. PATENT DOCUMENTS

| Exam. Initial | | Document Number | Date | Name | Our Docket No. | Class | Sub Class | Filing Date |
|---------------|----|-----------------|------------|-------------------|----------------|-------|-----------|-------------|
| BB | AA | 4,913,038 | 04-03-1990 | Burkett et al. | — | — | — | — |
| BB | AB | 4,812,625 | 03-14-1989 | Caste, Sr. | — | — | — | — |
| BB | AC | 5,186,097 | 02-16-1993 | Vasceloff et al. | — | — | — | — |
| BB | AD | 6,018,150 | 01-25-2000 | Maher, Jr. | — | — | — | — |
| BB | AE | 5,575,194 | 11-19-1996 | Maher Jr. et al. | — | — | — | — |
| BB | AF | 4,672,540 | 06-09-1987 | Waugh et al. | — | — | — | — |
| BB | AG | 4,663,710 | 05-05-1987 | Waugh et al. | — | — | — | — |
| BB | AH | 4,858,119 | 08-15-1989 | Waugh et al. | — | — | — | — |
| BB | AI | 5,827,556 | 10-27-1998 | Maher, Jr. | — | — | — | — |
| BB | AJ | 5,596,514 | 01-21-1997 | Maher, Jr. et al. | — | — | — | — |
| BB | AK | 4,601,004 | 07-15-1986 | Holt et al. | — | — | — | — |
| BB | AL | 4,625,086 | 11-25-1986 | Karino | — | — | — | — |

FOREIGN PATENT DOCUMENTS

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 OTHER DOCUMENTS
 (Including Author, Title, Date, Pertinent Pages etc.)
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| Examiner: | T. F. Simone | Date Considered: | 01/21/04 |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PAGE 5/12 * RCVD AT 12/22/2003 9:48:51 AM [Eastern Standard Time] * SVR:USPTO-EFXXRF-1/1 * DNIS:8729306 * CSID:3152338320 * DURATION (mm-ss):03-04

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| First Named Inventor | | | | Akira SUZUKI | |
| Art Unit | | | | 1761 | |
| Examiner Name | | | | Timothy F. Simone | |
| Confirmation No. | | | | 7586 | |
| Attorney Docket No. | | | | 939 047 | |
| Sheet | 1 | of | 1 | | |

U.S. PATENT DOCUMENTS

| Exam. Initial | | Document Number | Date | Name | Our Docket No. | Class | Sub Class | Filing Date |
|---------------|----|-----------------|------------|----------------|----------------|-------|-----------|-------------|
| VS | AM | 4,636,949 | 01-13-1987 | Longabaugh, C. | — | — | — | — |
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U.S. COPENDING APPLICATIONS

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| VS | AN | WO 01/13773 | 03-01-2001 | KR | — | — | ✓ | |
| VS | AO | 2 324 635 A | 10-28-1998 | GB | — | — | — | |
| VS | AP | 1 172 058 A2 | 01-16-2002 | EP | — | — | ✓ | |
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| | | | | 7586 | |
| Sheet 1 of 1 | | | | Attorney Docket No. | |
| | | | | 939_047 | |

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| VB | AM | 4,636,949 | 01-13-1987 | Longabaugh, C. | — | — | — | |
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